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(d) The licensee is not authorized to proceed with alterations prior to approval from the Commandant (CG–5) for the conditions outlined in paragraph (a) and approval by the cognizant OCMI as required in paragraph (b) of this section.

(e) The Commandant (CG–5), during the review and approval process of a proposed alteration or modification, may consult with the Marine Safety Center and cooperating Federal agencies possessing relevant technical expertise.

Subpart B—Pollution Prevention Equipment

§ 149.100 What does this subpart do?

This subpart provides requirements for pollution equipment on deepwater ports.

§ 149.103 What are the requirements for discharge containment and removal material and equipment?

(a) Each deepwater port must have a facility response plan that meets the requirements outlined in subpart F, part 154, of this chapter, and be approved by the cognizant Captain of the Port.

(b) The facility response plan must identify adequate spill containment and removal equipment for port-specific spill scenarios.

(c) Response equipment and material must be pre-positioned for ready access and use on board the deepwater port.

§ 149.105 What are the requirements for the overflow and relief valves?

(a) Each oil and natural gas transfer system (OTS/NGTS) must include a relief valve that, when activated, prevents pressure on any component of the OTS/NGTS from exceeding its maximum rated pressure.

(b) The transfer system overflow or relief valve must not allow a discharge into the sea.

§ 149.110 What are the requirements for pipeline end manifold shutoff valves?

Each pipeline end manifold must have a shutoff valve capable of operating both manually and from the pumping platform complex.

§ 149.115 What are the requirements for blank flange and shutoff valves?

Each floating hose string must have a blank flange and a shutoff valve at the vessel's manifold end.

§ 149.120 What are the requirements for manually operated shutoff valves?

Each oil and natural gas transfer line passing through a single point mooring buoy system must have a manual shutoff valve.

§ 149.125 What are the requirements for the malfunction detection system?

(a) Each oil and natural gas system, between a pumping platform complex and the shore, must have a system that can detect and locate leaks and other malfunctions, particularly in high-risk areas.

(b) The marine transfer area on an oil deepwater port must be equipped with a monitoring system in accordance with §154.525 of this chapter.

(c) A natural gas deepwater port must be equipped with gas detection equipment adequate for the type of transfer system, including storage and regasification, used. The Commandant (CG–5) will evaluate proposed leak-detection systems for natural gas on an individual basis.

§ 149.130 What are the requirements for the cargo transfer system alarm?

(a) Each cargo transfer system must have an alarm to signal a malfunction or failure in the system.

(b) The alarm must sound automatically in the control room and:

(1) Be capable of being activated at the pumping platform complex;

(2) Have a signal audible in all areas of the pumping platform complex, except in areas under paragraph (b)(3) of this section;

(3) Have a high intensity flashing light in areas of high ambient noise levels where hearing protection is required under §150.615 of this chapter; and

(4) Be distinguishable from the general alarm.

(c) Tankers calling on unmanned deepwater ports must be equipped with